

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: RODRIGUEZ ET AL. ART GROUP: 2611
 APPL. NO.: 09/590,521 EXAMINER: V. SRIVASTAVA
 FILED: JUNE 9, 2000 DOCKET NO.: A-5704
 TITLE: SYSTEMS AND METHODS FOR ADAPTIVE SCHEDULING AND
 DYNAMIC BANDWIDTH RESOURCE ALLOCATION
 MANAGEMENT IN A DIGITAL BROADBAND DELIVERY SYSTEM

Box AF
 Commissioner for Patents
 Washington, DC 20231

June 19, 2002

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 Technology Center 2600

Sir:

Transmitted herewith for filing in the above-identified patent application, please find:

1. X 5 page Amendment with Transmittal in duplicate
2. X Exhibits A and B
3. X Return postcard

The fee has been calculated as shown below:

(COL. 1)		(COL. 2)	(COL. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	OR RATE	ADDIT. FEE
TOTAL	* 14	** 29	= 0	X9=	\$	X18=	\$ 0.00
INDEP	* 3	***11	= 0	X42=	\$	X84=	\$ 0.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+140=	\$	+280=	\$
				TOTAL ADD FEE \$		OR TOTAL	\$ 0.00

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

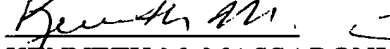
- ☐ Please charge my Deposit Account No. 19-0761 in the amount of \$0.00 .
- ☐ A check in the amount \$ to cover the additional fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiency in payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0761.
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

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AMENDMENT AFTER FINAL OFFICE ACTION

Sir:

This is in response to the Office Action mailed May 23, 2002, the time for responding thereto being set to expire on August 23, 2002 without extension. Please amend the above-identified application as follows:

In The Claims:

Attached as Exhibit A is a version of all claims with markings to show changes made where the addition of language is illustrated by underline and the deletion of language with brackets. Attached as Exhibit B is a version of all pending claims in clean, unmarked form.

2. (Thrice Amended) The bandwidth allocation manager of claim [30] 27, wherein the at least two different content delivery modes are selected from the group consisting of broadcast, pay-per-view, video-on-demand, and near video-on-demand.

3. (Thrice Amended) The bandwidth allocation manager of claim [30] 27, wherein at least one content delivery mode comprises a video content delivery mode wherein at least three instances of a same video content are transmitted at time-spaced intervals of varying length.